

Abstract

The invention refers to a method for monitoring the exhaust gas recirculation (AR) of an internal combustion engine by pressure sensing, in which exhaust gas is recirculated from an outlet side of a combustion chamber assemblage via an exhaust gas recirculation conduit (ARK) to an inlet side of the combustion chamber assemblage. Reliable monitoring of the exhaust gas recirculation with relatively little complexity is achieved by the fact that a pressure curve is sensed in at least one combustion chamber (ZYL1 ... ZYLn) and a thermodynamic parameter is ascertained therefrom as an actual value; that a setpoint value of the parameter, which setpoint value takes into account the current operating point of the internal combustion engine, is made available, and a deviation between setpoint value and actual value is determined; and that a datum regarding the current exhaust gas recirculation state, as compared with its normal state, is obtained from the deviation.

(Figure 1)